ABSTRACT

A computer reservation system includes a server for receiving commands and transmitting responses in a first format and a client computer system for transmitting request messages and receiving response messages in a second format. A translator receives the request messages in the second format from the client computer system and translates the request messages into the first format. A processor receives the translated request messages from the translator, transforms the translated request messages into commands, transmits the commands to the server, receives responses from the server, processes the responses into processed messages, and transmits the processed messages to the translator. The translator receives the processed messages from the processor, translates the processed messages into the second format, and transmits the response messages in the second format to the client computer system. A method for making a computer reservation includes the steps of: receiving a request message in a first format; translating the request message from the first format to a second format; wrapping the translated message in a SOAP (Simple Object Assess Protocol) packet; parsing the SOAP packet to determine the operation is being called; calling the operation upon a server; creating a SOAP response document from the response from the server; unwrapping the SOAP response document; converting the response from second format to first format; and transmitting a response massage in the first format.